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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Chi-Cheng Hung

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12/28/2005

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EXAMINER

WALTER, CRAIG E

ART UNIT

PAPER NUMBER

2188

DATE MAILED: 12/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/693,926	Applicant(s) HUNG, CHI-CHENG	
	Examiner Craig E. Walter	Art Unit 2188	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Drawings

2. The drawings were received on 28 October 2003. These drawings are acceptable for examination.

Claim Objections

3. Claims 1-20 are objected to because of the following informalities:

As for claim 1, the word "burn-in" in line 1 should be replaced with the phrase "burning-in a". Additionally, the word "a" should be inserted in line 10 between the words "to" and "first".

As for claim 11, the phrase "burn-in the " in line 1 should be replaced with the phrase "burning-in a". Additionally, "said main memory" in line 7 should be changed to "a main memory". Lastly, "adjusting to first level" in line 8 should be changed to "adjusting to a first level".

As for claims 3 and 13, "adjusting to first level" should be changed to "adjusting to a first level"

The remaining claims not referenced are objected to for further limiting one of the two base claims (i.e., claims 1 or 11).

As for claims 4 and 15, the word "the" should be removed before "address codes" and "data codes" else these two phrases would lack antecedent basis. Likewise, the word "receiving" should be changed to "receives".

As for claims 5 and 16, the word "receiving" should be changed to "receives".

As for claim 6, the word "said", which describe both the first and second buses, should be replaced with the word "a". Likewise, the word "the" should be removed before "data codes" and "address codes" in lines 4-5. Lastly, the word "receiving" should be changed to "receives" in line 8.

As for claim 14, the word "the" should be removed before "data codes" and "address codes" in lines 13-14. Additionally, the word "receiving" should be changed to "receives" in line 17.

As for claims 7 and 17, the phrase "a device for adjusting to second level" should be replaced with the phrase "a device for adjusting to a second level".

As for claims 8 and 18, the word "supply" should directly proceed the word "power" for clarity.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1-20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

As for claims 1 and 11, it is unclear what constitutes "a level" of the control signals. It can be assumed by the Examiner the Applicant intended each level of the control signal to be a unique electronic potential, however there is no support in the specification to support this assumption.

Claims 2-10 and 12-20 depend on claims 1 and 11 respectively therefore they too are rejected under 35 U.S.C. 112, first paragraph.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1 and 11 recite the limitation "the level" (line 13 of claim 1, line 10 of claim 11). There is insufficient antecedent basis for this limitation, as the claims fail to previously set forth any of the control signals as comprising "levels".

6. Claims 4-6, and 14-16 recite the limitation "transferring the data codes mapped to the address codes". There is insufficient antecedent basis for this limitation in the claims, as mapping of data codes to address codes is not set forth previously within the claims, therefore it unclear to the Examiner which of the claimed data codes are being transferred.

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7. Claims 2-3, 7-10, 12-13, and 17-20 limit one of the previously rejected claims, therefore they too are rejected under 35 USC § 112 second paragraph.

Conclusion

8. Due to the ambiguities set forth in claim limitations, prior art will not be applied to claims, however a search was performed based on the Examiner's understanding of Applicant's claimed invention. The following prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Tulpule et al. (EP 0 265 366 A2) teaches an independent backup mode transfer method and mechanism for digital control computers.

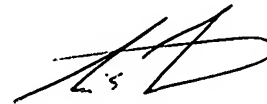
Kokubun et al. (US PG Publication 2002/0023198 A1) teaches an information processing apparatus and data backup method.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Craig E. Walter whose telephone number is (571) 272-8154. The examiner can normally be reached on 8:30a - 5:00p M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mano Padmanabhan can be reached on (571) 272-4210. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

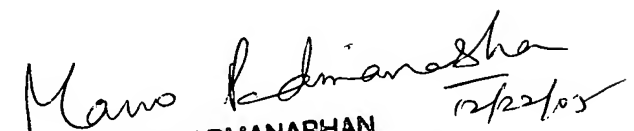
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Craig E Walter
Examiner
Art Unit 2188

CEW



MANO PADMANABHAN
SUPERVISORY PATENT EXAMINER